

Amendments to the Specification

Please replace paragraph [0160] with the following amended paragraph:

[0160] Additional examples of useful cationic lipids include dipalmitoyl-phosphatidylethanolamine 5-carboxyspermyl-nylamide (DPPES); 5-carboxyspermylglycine dioctadecylamide (DOGS); dimethyldioctdecyl-ammonium bromide (DDAB); and (\pm) -N,N-dimethyl-N-[2-(sperminecarboxamido)ethyl]-2,3-bis(dioleyloxy)-1-propaniminium pentahydrochloride (\pm) -N,N-dimethyl-N-[2-(sperminecarboxamido)ethyl]-2,3-bis(dioleyloxy)-1-propaniminium pentahydrochloride (DOSPA). Non-diether cationic lipids, such as DL-1,2-dioleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium DL-1,2-dioleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium (DORI ester), 1,2-O-dioleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium 1,2-O-dioleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium (DORIE diether), 1-O-oleyl-2-oleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium 1-O-oleyl-2-oleoyl-3-dimethylaminopropyl- β -hydroxyethylammonium (DORI ester/ether), and their salts promote in vivo gene delivery. Cationic cholesterol derivatives such as 3β [N-(N',N'-dimethylamino)ethane]-carbomoyl]-cholesterol 3β [N-(N',N'-dimethylamino)ethane]-carbomoyl]-cholesterol (DC-Chol), are also useful.

Please replace paragraph [0161] with the following amended paragraph:

[0161] Preferred cationic lipids include: (\pm) -N-(2-hydroxyethyl)-N,N-dimethyl-2,3-bis(tetradecyloxy)-1-propaniminium bromide; 3,5-(N,N-di-lysyl)diamino-benzoylglycyl-3-(DL-1,2-dioleoyl-dimethylaminopropyl- β -hydroxyethylamine) 3,5-(N,N-di-lysyl)diamino-benzoylglycyl-3-(DL-1,2-dioleoyl-dimethylaminopropyl- β -hydroxyethylamine) (DLYS-DABA-GLY-DORI diester); 3,5-(NN-dilysyl)-

~~diaminobenzoyl-3-(DL-1,2-dioleoyl-dimethylaminopropyl- β -hydroxyethylamine)~~ 3,5-
(NN-dilysyl)-diaminobenzoyl-3-(DL-1,2-dioleoyl-dimethylaminopropyl- β -
hydroxyethylamine) (DLYS-DABA-DORI diester); and 1,2-dioleoyl-sn-glycero-3-
phosphoethanolamine. Also preferred is the combinations of the following lipids: (\pm)-N-
(2-hydroxyethyl)-N,N-dimethyl-2,3-bis(tetradecyloxy)-1-propaniminium bromide and
1,2-dioleoyl-sn-glycero-3-phosphoethanolamine; and (\pm)-N-(2-hydroxyethyl)-N,N-
dimethyl-2,3-bis(tetradecyloxy)-1-propaniminium bromide, and 1,2-dioleoyl-sn-glycero-
3-phosphoethanolamine in a 1:1 ratio.